

Missouri Department of Natural Resources



Missouri Department of Natural Resources
P.O. Box 176 • Jefferson City, MO 65102-0176
www.dnr.mo.gov

Message from the Director...

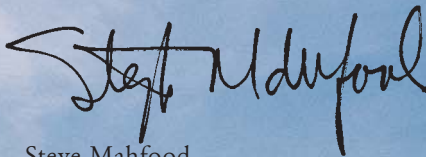
"We envision a Missouri where people live and work in harmony with our natural and cultural resources while making decisions that result in a quality environment and a place where we can prosper today and in the future."

– Missouri Department of Natural Resources Vision Statement

The Missouri Department of Natural Resources has the responsibility to preserve, protect and enhance Missouri's natural, cultural and energy resources and to work to inspire their enjoyment and responsible use for present and future generations. We work with communities, businesses, schools, elected officials and citizens throughout Missouri to ensure that we all have clean air, clean water and land that sustains a diversity of life.

We take seriously our responsibility to protect and enhance Missouri's environment. We value integrity, an openness to all individuals and points of view, diversity in people and approach, and excellence in all we do.

The careful use and management of our natural resources while supporting the continued economic growth of Missouri is what we do on a daily basis. Thank you for helping us keep Missouri beautiful and healthy.

A handwritten signature in black ink, reading "Steve Mahfood". The signature is stylized with a large, sweeping initial "S" and a long, horizontal stroke extending to the right.

Steve Mahfood

Missouri Department of Natural Resources



Missouri's Air Quality

Missouri's air sustains us in everything we do. Whether working in a garden, waiting for the bus or hitting home runs, clean air is essential to our health and our very existence. Standards for various contaminants, such as ozone, set clear limits for each chemical so that human health is not adversely affected. If con-

centrations in the air are above that limit, the standard is not met. The economic impacts of this are far-reaching, as well. Health care cost increases impact individuals, as well as large and small business employers. The loss of worker productivity due to illness also affects businesses and consumers alike through increased prices and an overall reduction in the quality of services and commodities.

Ground-level ozone is a health and environmental concern in the St. Louis and Kansas City metropolitan areas. Ozone is of highest concern during hot summer months. In Missouri, ozone season begins April 1 and ends Oct. 31. The department uses monitors located throughout the state to obtain air quality and emissions data. The department can use these data to further its efforts for improving air quality and the health of Missourians.

Missouri's air quality has steadily improved during the last decade. Today, the department is progressing toward meeting all health-based air quality standards. To reach this goal, Missouri must balance the needs from many diverse groups and federal, state and local issues to provide clean air for all Missouri citizens. The result is a wide-ranging mix of pollution control systems that touch almost everyone's life in one way or another. This sometimes comes with a price tag for industry and businesses. To help ease these important costs, the department provides assistance to businesses for possible sales tax exemptions and works with businesses to find ways to streamline the permitting process. Improvements made to air quality provide health benefits to those suffering from asthma and other lung-related illnesses, helping all of us to breathe a little easier.



Missouri's Land Resources

From our forested Ozarks and rolling hills to our plains and prairies full of life, our land is an asset the Department of Natural Resources is committed to protecting and enhancing. This effort includes conserving agricultural land; managing and distributing land survey records; and overseeing mining activity so minerals are properly and environmentally extracted and surface reclamation is completed.

Improper solid and hazardous waste management can cause health and environmental problems such as the spread of diseases like the West Nile virus, contamination of ground and surface water and increased air pollution.

Solid waste includes residential garbage, infectious medical waste, waste tires, construction and demolition waste, and non-hazardous industrial and commercial wastes. The average Missourian disposes of an estimated 1.14 tons of solid landfill waste each year. To reduce this, the department



Moniteau County





Ozark Caverns, Lake of the Ozarks State Park

offers waste reduction, reuse, recycling and composting programs, and also offers grants, loans and incentives to businesses and communities.

The department also regulates the management of hazardous waste. We provide state oversight for voluntary cleanups of brownfield properties contaminated with hazardous substances. Proper cleanup returns the land to productive use and encourages economic redevelopment of the site by owners, operators and prospective buyers. Proper management of hazardous waste and reducing the amount of waste generated can decrease the threat to human health and the environment.

Agricultural landowners' efforts to reduce topsoil loss also is supported by the department. Agriculture is one of Missouri's most important industries. Soil erosion is detrimental to the long-term future of agricultural production and to the quality of every Missouri river, lake and stream.





Table Rock State Park

The department provides law enforcement and fire departments with training, equipment, supplies and collection stations for proper disposal of clandestine drug lab materials. A 24-hour hotline is also available to report hazardous substance releases, offer technical assistance and protection to local communities, and request on-site response to environmental emergencies involving hazardous substances and suspected weapons of mass destruction.

Through geologic and soil mapping, the department untangles and interprets complicated bedrock and surficial deposits of Missouri. These maps serve as the foundation for all types of land-use decisions. Missouri's survey data extends back to 1800 and is available to anyone needing assistance with boundary issues. The department also helps assess, evaluate and report geologic hazards and the many risks associated with earthquakes, sinkholes and landslides.

Missouri's Water Resources

The Department of Natural Resources takes a holistic approach to protecting water quality. Working with citizen stakeholder groups, streamlining our permitting process and providing financial assistance to communities to help make wastewater infrastructure improvements are just some of the many tools used to effectively manage our watersheds.

The department works to protect our aquifers. Groundwater levels are monitored and well installers are regulated to assure abundant, high-quality groundwater for Missouri. Dams are constructed properly so people and property are protected. In addition to flood protection, the department



Public Drinking Water

helps Missourians plan for droughts and protect and restore wetlands.

Maintaining a clean supply of public drinking water also is critical for Missouri's health and its future. The department works to meet this goal by regulating all public water systems and monitoring about 90 contaminants that can cause long-term health problems. The department also works with local water districts to ensure secure treatment plants.

Missouri's rivers and lakes are an important recreational feature, highly prized by floaters, anglers and tourists around the world. The wide variety and quality of water draws thousands to the state each year for fishing, floating and photography, making this resource an important economic component of our state.

Energy Use in Missouri

Energy use plays a central role in Missouri's economic prosperity and our environment. Missouri citizens depend on energy sources to power their lifestyles and meet personal and family needs. Missouri businesses and government use energy to produce goods and services. Using energy more efficiently and using cleaner fuels helps both the environment and the economy. The Department of Natural Resources provides programs to improve home energy efficiency for low-income and elderly Missourians, and helps schools, local governments, colleges and universities invest in energy-efficiency projects that save money for other needs.

Some of Missouri's current energy sources create pollution, and most may be almost depleted within the next century. The department supports market research to advance the use of clean, sustainable, domestic



Kansas City Discovery Center



Prairie State Park

energy resources and technologies, including the use of solar, biomass, alternative fuels and wind to power Missouri's buildings and vehicles well into the future. The department also monitors fuel prices and supplies through bimonthly energy bulletins. These help Missourians make our energy use more efficient and diversify our resources. The savings stay within the state to bolster Missouri's economy, while lower energy consumption reduces power plant and vehicle emissions.

Historic Preservation

Our state has a rich heritage. Historic preservation is crucial to ensure that examples of our past are available for generations to come. The Department of Natural Resources helps identify, evaluate and protect Missouri's cultural resources. To carry out this mission, the department coordinates a statewide survey to identify historic and prehistoric resources. Staff members also nominate Missouri's most significant cultural resources to the National Register of Historic Places – the federal honor roll of buildings, sites, structures, objects and districts important in American history, architecture, archaeology, engineering or culture that are worthy of preservation. The department's efforts enhance our beautiful and significant cultural landmarks.



Jasper County Courthouse

Missouri State Parks and Historic Sites

With more than 80 state parks and historic sites, Missouri's state park system offers something for everyone. The mission of the state park system is to preserve the state's most outstanding natural and cultural features while providing compatible recreational opportunities.

The system includes the homes of famous Missourians, reminders of yesterday such as gristmills and covered bridges, and sites that tell the story of our heritage from Native Americans to French and German settlers. The state's most outstanding landscapes are preserved here for everyone to enjoy. Within these parks and sites, visitors can camp, picnic, swim, fish, hike, learn about nature and explore the past. Programs and tours provide opportunities for visitors to do everything from learning to



Finger Lakes State Park

tours provide opportunities for visitors to do everything from learning to identify wildflowers to watching grain ground into meal.

The benefits to visitors and the state are plentiful. Each year, almost 18 million visitors use our state's parks and historic sites as a place for healthy recreation and family and community gatherings. With more than 138,000 acres, the system provides chances to explore many facets of nature, as well as understand Missouri's past and the men and women who shaped its history. The state and local communities benefit economically, with a recent survey estimating the total economic impact of the state park system at \$538 million annually.

The department also coordinates federal grant programs that provide financial assistance in the areas of outdoor recreation and trails development.

Community and Financial Assistance



Recycling, Market Development

The Department of Natural Resources provides community and financial assistance. Its Outreach and Assistance Center also provides many types of financial assistance and community support. This center serves as a single point of contact to put Missourians in touch with information, education, financial and environmental technical assistance. It serves as a front-end source of support to business owners, local governments, educational institutions and the general public on how to control or reduce pollution. Through the Outreach and

Assistance Center, the department provides financial assistance for energy-efficiency projects and administers the Low-income Weatherization Assistance Program. Helping communities grow while protecting their environment, the center helps property owners protect historic buildings and provides professional development opportunities to Missouri's educators. The center also helps to coordinate efforts across the department, such as organizing storm relief efforts and disseminating information to those affected, conducting waste-to-energy research and helping to develop a market for poultry litter. The department's community and financial assistance efforts play a critical role in promoting stewardship in Missouri by helping Missourians protect their environment. Through the State Environmental Improvement and Energy Resources Authority, the department finances projects with tax-exempt bonds and notes, conducts environmental studies, provides technical assistance and helps with market development.

Missouri State Parks, Historic Sites and Departmental Offices

Names and addresses of Departmental Offices

Lake of the Ozarks Satellite Office

Camden County
5568 A Hwy 54
Osage Beach, MO 65065
Mailing address:
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 348-2442

Kansas City Regional Office

500 NE Colbern Rd
Lee's Summit, MO 64086-4710
(816) 622-7000
FAX: (816) 622-7044

Kansas City Urban Outreach Office

4750 Troost
Kansas City, MO 64110
(816) 759-7313
FAX: (816) 759-7333

Northeast Regional Office

1709 Prospect Dr., Ste. A
Macon, MO 63552-2602
(660) 385-2129
FAX: (660) 385-6398

Mississippi River Project Office

Wakonda State Park
Rt 1 Box 242
LaGrange, MO 63448
(573) 655-4178

Southeast Regional Office

2155 N. Westwood Blvd.
Poplar Bluff, MO 63901-1420
(573) 840-9750
FAX: (573) 840-9754

Southwest Regional Office

2040 W. Woodland
Springfield, MO 65807-5912
(417) 891-4300
FAX: (417) 891-4399

Neosho / Joplin Area Satellite Office

1900 S. 71 Highway
Neosho, MO 64850
(417) 455-5155
Mailing address:
2040 W. Woodland
Springfield, MO 65807-5912

Geological Survey and Resource Assessment Division (GSRAD)

111 Fairgrounds Road
P.O. Box 250
Rolla, MO 65402



Rolla, MO 65402

(573) 368-2100

FAX: (573) 368-2111

Taney / Stone County Satellite Office

Table Rock State Park

5272 State Hwy 165

Branson, MO 65616

(417) 337-9732

St. Louis Regional Office

7545 S. Lindbergh, Ste. 210

St. Louis, MO 63125

(314) 416-2960

FAX: (314) 416-2970

Lincoln County Satellite Office

Cuivre River State Park

678 State Rt. 147

Troy, MO 63379

(636) 528-4779

St. Louis Urban Outreach Office

4030 Chouteau, 6th Floor

St. Louis, MO 63110

(314) 340-5900

FAX (314) 340-5904

Franklin County Satellite Office

Meramec State Park

Hwy 185 S.

Sullivan, MO 63080

(573) 860-4308

Jefferson County Satellite Office

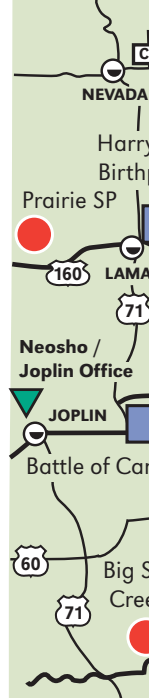
Eastern District Parks Office

Hwy 61

Festus, MO 63028

(636) 931-5200

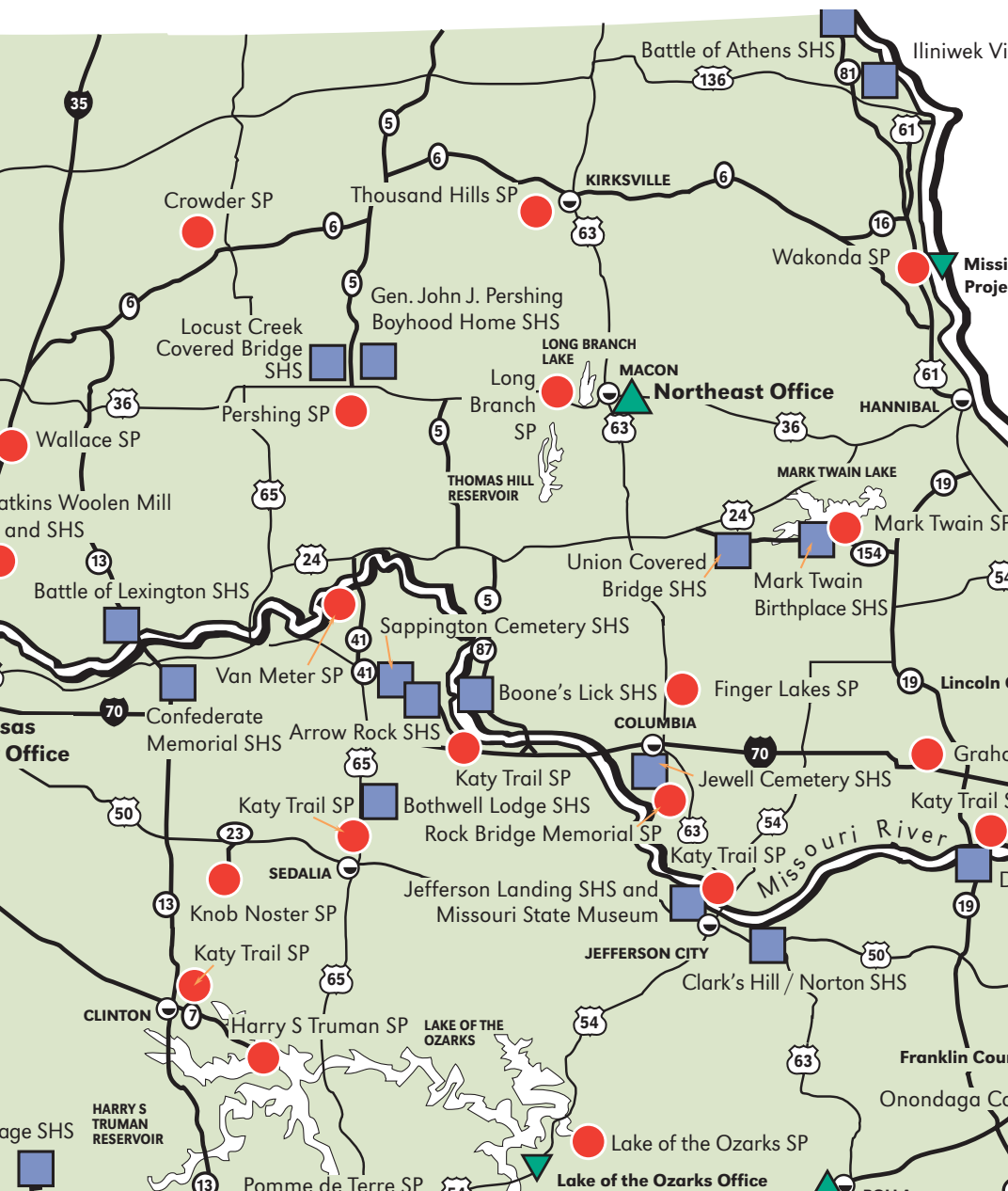
FAX (636) 931-5204

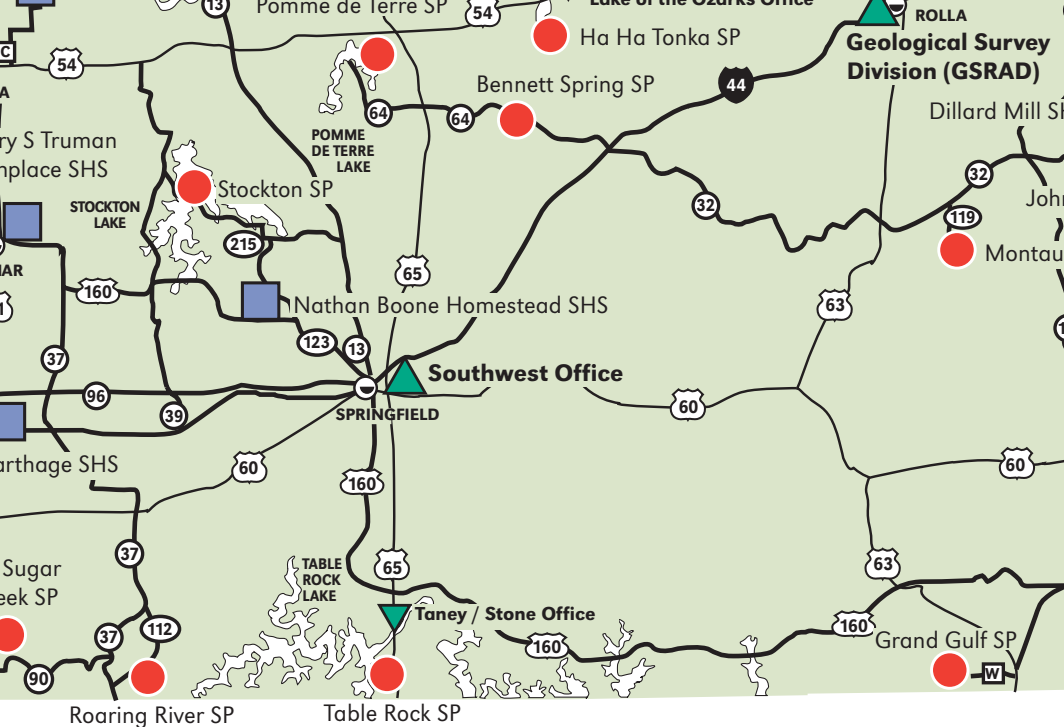


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For general questions or information on the fol

Agricultural Technical Assistance	573-526-6627
Animal Wastes	573-751-1300
Asbestos	573-751-4817
Brownfields, Voluntary Cleanup Program	573-526-8913
CAFOS (Concentrated Animal Feeding Operations)	573-751-1300
Campsite Reservations	1-877-422-6766
Composting	573-751-5401
Dam Construction	573-368-2175
Energy Efficiency, Energy Loans, Renewable Energy	573-751-3443
Environmental Education	573-751-3443
Environmental Emergencies	573-634-2436
Erosion and Soil Conservation	573-751-4932
Gateway Clean Air Program	1-888-748-1AIR
Geologic Information	573-368-2100
Groundwater Levels, Caves/Springs	573-368-2190
Gravel Mining Permits	573-751-4041





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Following resource issues, call the Outreach and Assistance Center

Historic Rehabilitation Tax Credits	573-751-7860
Household Hazardous Waste	573-526-6627
Landfills	573-751-5401
Lead/Environmental Impacts	573-751-3176
Lewis and Clark Bicentennial	573-522-9019
Mining	573-751-4041
National Register of Historic Places	573-751-7860
Open Burning Permits, Odors	Contact your nearest regional office
Operator Training and Certification	573-526-6627
Outdoor Recreation Grants	573-751-0848
Ozark Trail	573-751-5359
Permits	For a complete packet, call your nearest regional office
Pollution Prevention	573-526-6627
Private Well Construction	573-368-2165
Recycling	573-751-5401
Sewage Treatment	573-751-1300

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Missouri
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Natural Resources

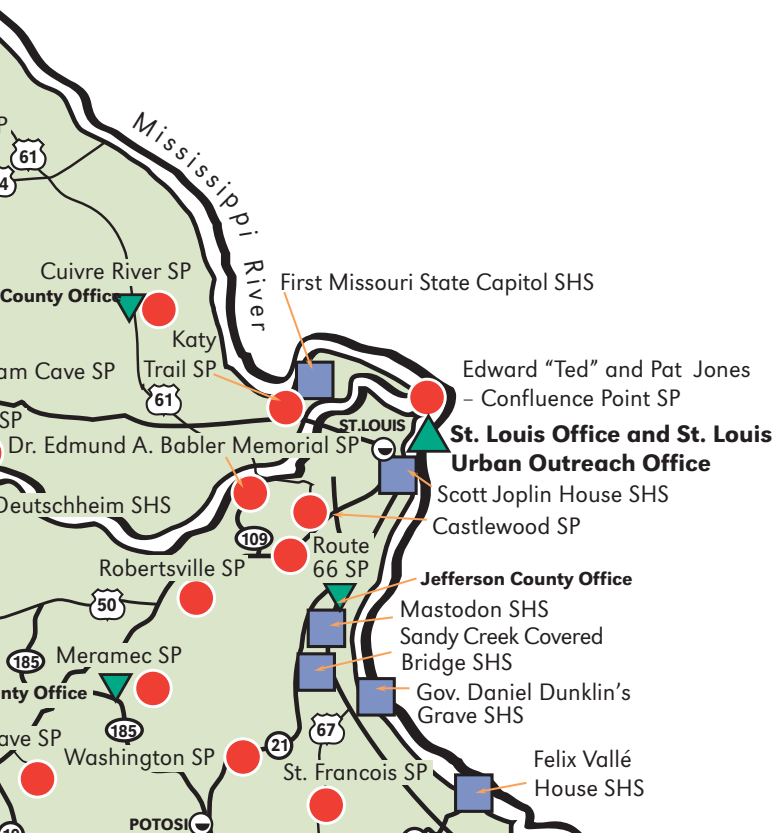
1-800-361-4827 for department information

1-800-334-6946 for state parks information

Mississippi River
District Office

P.O. Box 176 • Jefferson City, MO 65102-0176

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For more information, call 1-800-361-4827 or a number listed below.

Small Business Technical Assistance, Grants	573-526-6627
State Parks Information	1-800-334-6946
State Parks District Offices	
North Hills District and Missouri Historic District, Brookfield.	660-258-7496
Eastern Parks District and Southern	
Missouri Historic District, Festus	636-931-5200
Ozark District, Lebanon	417-532-7161
State Water Plan	573-751-2867
Survey Information	573-368-2300
Underground/Leaking Petroleum Storage Tanks	573-751-6822
Unmarked Human Burials	573-751-7860
Vehicle Emissions Testing	573-751-4817
Volunteers in Parks	573-522-3259
Weatherization	573-751-3443
Wellhead Protection	573-751-5331

Missouri Department of Natural Resources

The Department of Natural Resources includes the following divisions and offices:

Outreach and Assistance Center

community assistance, communications and education, environmental assistance, Missouri Energy Center, state historic preservation and St. Louis and Kansas City urban outreach

State Parks

state parks and historic sites

Water Protection and Soil Conservation

public drinking water, soil and water conservation, and water pollution programs, regional and satellite offices

Air and Land Protection

air pollution, environmental services, hazardous waste, land reclamation and solid waste programs

Geological Survey and Resource Assessment

dam and reservoir safety, geological survey, land survey and water resources programs

Administrative Support

internal operations programs

Environmental Improvement and Energy Resources Authority

financial services, market development and State Revolving Fund

Lewis and Clark Commission

Petroleum Storage Tank Insurance Fund



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